OIPE

RAW SEQUENCE LISTING   DATE: 04/23/2001
PATENT APPLICATION: US/09/828,432   TIME: 13:35:25

Input Set : A:\00145.US1.ST25.txt
Output Set: N:\CRF3\04232001\I828432.raw

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 3 <110> APPLICANT: Vogeli, Gabriel
 4         Lind, Peter
 5         Sejlitz, Torsten
 6         Berthold, Malin
 8 <120> TITLE OF INVENTION: Novel G Protein-Coupled Receptors
10 <130> FILE REFERENCE: 00145.US1
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/828,432
C--> 12 <141> CURRENT FILING DATE: 2001-04-06
13 <150> PRIOR APPLICATION NUMBER: 60/195,228
14 <151> PRIOR FILING DATE: 2000-04-06
15 <150> PRIOR APPLICATION NUMBER: 60/251,313
16 <151> PRIOR FILING DATE: 2000-12-05
18 <160> NUMBER OF SEQ ID NOS: 10
20 <170> SOFTWARE: PatentIn version 3.0
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23 <211> LENGTH: 2115
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
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32 tttgctcacc tccactttgc cggagggtac ctgccctctg attcccagga ctggagaacc     180
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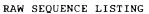
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Input Set : A:\00145.US1.ST25.txt
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88 acacattaat gataaatttt aatgcgttct tcatttactt aataagtgtt aatttacttg    1860
90 atgaaaagtc cgtatcataa tgttcatgac tgaaggtcaa agaaaaagaa acagcacctt     1920
92 attccaattc tggactcatt tcaagccatg gctggttctg gccaagttta aataaaattca    1980
94 gacttaaact aaagcctgct tcagtgaact ttttaaagct acctgaatga gtcttcagtt     2040
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117 Val Gly Phe Val Gly Asn Leu Cys Val Ile Gly Ile Leu Leu His Asn
118         50                  55                  60
120 Ala Trp Lys Gly Lys Pro Ser Met Ile His Ser Leu Ile Leu Asn Leu
121 65                  70                  75                  80
123 Ser Leu Ala Asp Leu Ser Leu Leu Leu Phe Ser Ala Pro Ile Arg Ala
124             85                  90                  95
126 Thr Ala Tyr Ser Lys Ser Val Trp Asp Leu Gly Trp Phe Val Cys Lys
127             100                 105                 110
129 Ser Ser Asp Trp Phe Ile His Thr Cys Met Ala Ala Lys Ser Leu Thr
130             115                 120                 125
132 Ile Val Val Val Ala Lys Val Cys Phe Met Tyr Ala Ser Asp Pro Ala
133         130                 135                 140
135 Lys Gln Val Ser Ile His Asn Tyr Thr Ile Trp Ser Val Leu Val Ala
136 145                 150                 155                 160
138 Ile Trp Thr Val Ala Ser Leu Leu Pro Leu Pro Glu Trp Phe Phe Ser
139             165                 170                 175
141 Thr Ile Arg His His Glu Gly Val Glu Met Cys Leu Val Asp Val Pro
142             180                 185                 190
144 Ala Val Ala Glu Glu Phe Met Ser Met Phe Gly Lys Leu Tyr Pro Leu
145         195                 200                 205
147 Leu Ala Phe Gly Leu Pro Leu Phe Phe Ala Ser Phe Tyr Phe Trp Arg
148         210                 215                 220
150 Ala Tyr Asp Gln Cys Lys Lys Arg Gly Thr Lys Thr Gln Asn Leu Arg
151 225                 230                 235                 240
153 Asn Gln Ile Arg Ser Lys Gln Val Thr Val Met Leu Leu Ser Ile Ala
154             245                 250                 255
156 Ile Ile Ser Ala Leu Leu Trp Leu Pro Glu Trp Val Ala Trp Leu Trp
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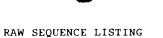PATENT APPLICATION: US/09/828,432   TIME: 13:35:25

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163       290               295               300
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166 305               310               315               320
168 Trp Lys Trp Met Ile Thr Lys Lys Pro Pro Thr Val Ser Glu Ser Gln
169               325               330               335
171 Glu Thr Pro Ala Gly Asn Ser Glu Gly Leu Pro Asp Lys Val Pro Ser
172               340               345               350
174 Pro Glu Ser Pro Ala Ser Ile Pro Glu Lys Glu Lys Pro Ser Ser Pro
175           355               360               365
177 Ser Ser Gly Lys Gly Lys Thr Glu Lys Ala Glu Ile Pro Ile Leu Pro
178       370               375               380
180 Asp Val Glu Gln Phe Trp His Glu Arg Asp Thr Val Pro Ser Val Gln
181 385               390               395               400
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184               405               410               415
186 Gly Val Lys
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190 <211> LENGTH: 406
191 <212> TYPE: PRT
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200               20                25                30
202 Val Cys Leu Val Gly Phe Val Gly Asn Leu Cys Val Ile Gly Ile Leu
203           35                40                45
205 Leu His Asn Ala Trp Lys Gly Lys Pro Ser Met Ile His Ser Leu Ile
206       50                55                60
208 Leu Asn Leu Ser Leu Ala Asp Leu Ser Leu Leu Leu Phe Ser Ala Pro
209 65                70                75                80
211 Ile Arg Ala Thr Ala Tyr Ser Lys Ser Val Trp Asp Leu Gly Trp Phe
212               85                90                95
214 Val Cys Lys Ser Ser Asp Trp Phe Ile His Thr Cys Met Ala Ala Lys
215               100               105               110
217 Ser Leu Thr Ile Val Val Val Ala Lys Val Cys Phe Met Tyr Ala Ser
218           115               120               125
220 Asp Pro Ala Lys Gln Val Ser Ile His Asn Tyr Thr Ile Trp Ser Val
221       130               135               140
223 Leu Val Ala Ile Trp Thr Val Ala Ser Leu Leu Pro Leu Pro Glu Trp
224 145               150               155               160
226 Phe Phe Ser Thr Ile Arg His His Glu Gly Val Glu Met Cys Leu Val
227               165               170               175
229 Asp Val Pro Ala Val Ala Glu Glu Phe Met Ser Met Phe Gly Lys Leu
230               180               185               190
232 Tyr Pro Leu Leu Ala Phe Gly Leu Pro Leu Phe Phe Ala Ser Phe Tyr
233           195               200               205
235 Phe Trp Arg Ala Tyr Asp Gln Cys Lys Lys Arg Gly Thr Lys Thr Gln
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RAW SEQUENCE LISTING   DATE: 04/23/2001
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238 Asn Leu Arg Asn Gln Ile Arg Ser Lys Gln Val Thr Val Met Leu Leu
239 225                  230                  235                  240
241 Ser Ile Ala Ile Ile Ser Ala Leu Leu Trp Leu Pro Glu Trp Val Ala
242                 245                  250                  255
244 Trp Leu Trp Val Trp His Leu Lys Ala Ala Gly Pro Ala Pro Pro Gln
245                 260                  265                  270
247 Gly Phe Ile Ala Leu Ser Gln Val Leu Met Phe Ser Ile Ser Ser Ala
248                 275                  280                  285
250 Asn Pro Leu Ile Phe Leu Val Met Ser Glu Glu Phe Arg Glu Gly Leu
251            290                  295                  300
253 Lys Gly Val Trp Lys Trp Met Ile Thr Lys Lys Pro Pro Thr Val Ser
254 305                  310                  315                  320
256 Glu Ser Gln Glu Thr Pro Ala Gly Asn Ser Glu Gly Leu Pro Asp Lys
257                 325                  330                  335
259 Val Pro Ser Pro Glu Ser Pro Ala Ser Ile Pro Glu Lys Glu Lys Pro
260                 340                  345                  350
262 Ser Ser Pro Ser Ser Gly Lys Gly Lys Thr Glu Lys Ala Glu Ile Pro
263            355                  360                  365
265 Ile Leu Pro Asp Val Glu Gln Phe Trp His Glu Arg Asp Thr Val Pro
266        370                  375                  380
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271 Thr Gly Glu Gly Val Lys
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276 <212> TYPE: DNA
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322 <213> ORGANISM  Homo sapiens
324 <400> SEQUENCE  9
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329 <211> LENGTH: 9
330 <212> TYPE: PRT
331 <213> ORGANISM  Artificial Sequence
333 <220> FEATURE:
334 <221> NAME/KEY  misc_feature
335 <223> OTHER INFORMATION: Peptide substrate
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341 1               5
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/828,432

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Input Set   A:\00145.US1.ST25.txt
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